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D2151
Job Sheet 214622



Part No: D2151

Job Qty: 20 pcs

Part Name: Packer Doubler



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/28/20

Job Tracking No:

Due Date: 11/25/20

Created By: Jennifer Renwick

Type: Stock

Description: SIOP

Note: DWG REV B IPP C 00.10.23 Re-format (mpp 2101) EC IPP Rev:D 06-04-28 Manufactured on Water Jet JLM
IPP Rev:E 06-11-24 As per Rev B JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet - Flow - 1	20 pcs		11/24/20	0.00	0.69	Waterjet - Flow		20/12/01
110	QC 2	20 pcs		11/24/20	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		20/12/01
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		

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120 QC 8	20 pcs	11/24/20	0.00 0.00	QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 2 - 76	
				QC 2 - 86	
				QC 2 - 83	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
QC 8 - 45					
QC 8 - 49					
QC 8 - 58					
QC 8 - 8					
QC 8 - 9					
QC 8 - 68					
QC 8 - 67					
QC 8 - 1 (A)					
QC 8 - 47					
QC 8 - 40					
QC 8 - 52					
QC 8 - 23					
QC 8 - 57					
QC 8 - 76					
QC 8 - 61					
QC 8 - 66					
QC 8 - 73					
QC 8 - 82					
140 Handfinish - 1-1 Chemical-B4B	20 pcs	11/24/20	0.00 0.30	Handfinish - 1 - 1 - B4B	
				Handfinish - 1 - 2 - B4B	
				Handfinish - 1 - 3 - B4B	
				Handfinish - 1 - 4 - B4B	
				Handfinish - 1 - 5 - B4B	
				Handfinish - 1 - 6 - B4B	
				Handfinish - 1 - 7 - B4B	
				Handfinish - 1 - 8 - B4B	
				Handfinish - 1 - 9 - B4B	
				Handfinish - 1 - 10 - B4B	
				Handfinish - 1 - 11 - B4B	
				Handfinish - 1 - 12 -	
				BEB 04/12/2020	
				Plex 10/28/20 10:07 AM Dart.Renwick.Jennifer	

DAS
40
DEC 01 2020
9-89

BEB 04/12/2020

						B4B	
						Handfinish - 1 - 13 - B4B	
						Handfinish - 1 - 14 - B4B	
						Handfinish - 1 - 15 - B4B	
						Handfinish - 1 - 16 - B4B	
						Handfinish - 1 - 17 - B4B	
						Handfinish - 1 - 18 - B4B	
						Handfinish - 1 - 19 - B4B	
						Handfinish - 1 - 20 - B4B	
						Handfinish - 1 - 21 - B4B	
						Handfinish - 1 - 22 - B4B	
150	Powdercoat - 1 White GI(A)- B4B	20 pcs	11/25/20	0.00	0.19	Powdercoat - 1 - B4B	
						Powdercoat - 2 - B4B	
						Powdercoat - 3 - B4B	
						Powdercoat - 4 - B4B	
						Powdercoat - 5 - B4B	
						Powdercoat - 6 - B4B	
						Powdercoat - 7 - B4B	
						Powdercoat - 8 - B4B	
						Powdercoat - 9 - B4B	
						Powdercoat - 10 - B4B	
160	QC 3	20 pcs	11/25/20	0.00	0.00	QC 3 - 10	
						QC 3 - 13	
						QC 3 - 15	
						QC 3 - 17	
						QC 3 - 18	
						QC 3 - 2	
						QC 3 - 28	
						QC 3 - 3	
						QC 3 - 30	
						QC 3 - 34	DAS
						QC 3 - 36	81
						QC 3 - 41	9-89
						QC 3 - 51	
						QC 3 - 58	
						QC 3 - 59	
						QC 3 - 68	
						QC 3 - 9	
						QC 3 - 40	
						QC 3 - 19	
						QC 3 - 43	
						QC 3 - 24	
						QC 3 - 61	
						QC 3 - 81	
						QC 3 - 82	
						QC 3 - 87	
						QC 3 - 47	
170	Packaging 3-1 - Stock - B4B	20 pcs	11/25/20	0.00	0.00	Packaging 3 - 1 - B4B	
						Packaging 3 - 2 - B4B	
						Packaging 3 - 3 - B4B	
						Packaging 3 - 4 - B4B	

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				Packaging 3 - 5 - B4B	DAS
				Packaging 3 - 6 - B4B	28
				Packaging 3 - 7 - B4B	9-89
				Packaging 3 - 8 - B4B	
				Packaging 3 - 9 - B4B	DEC 08 2020
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
				Packaging 3 - 37 - B4B	
				QC 21 - SA - 21	DAS
				QC 21 - SA - 70	21
				QC 21 - SA - 9	9-89
180	QC 21 - SA	20 pcs	11/25/20	0.00 0.00	DEC 08 2020
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QC 21 - SA - 77

QC 21 - SA - 28

Part Op **100** - 1-Cut as per Dwg D2151 2-Debur
 Descriptions: **110** - QC2- Inspect parts off machine FAI/FAIB
120 - (QC8- Inspect parts - second check)
140 - (Chemical Conversion Coat per QSI005 4.1)
150 - (White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum) START TIME: _____ FINISH TIME: _____
160 - (QC3- Inspect Part Finish)
170 - (Identify as per dwg & Stock Location: _____)
180 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M2024T3S.040	2024-T3 .040 Sheet	.7000 sf (.035 ea)	100-Waterjet - Flow - 1	5153359

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Flow - 1	M2024T3S.040	1	71	0

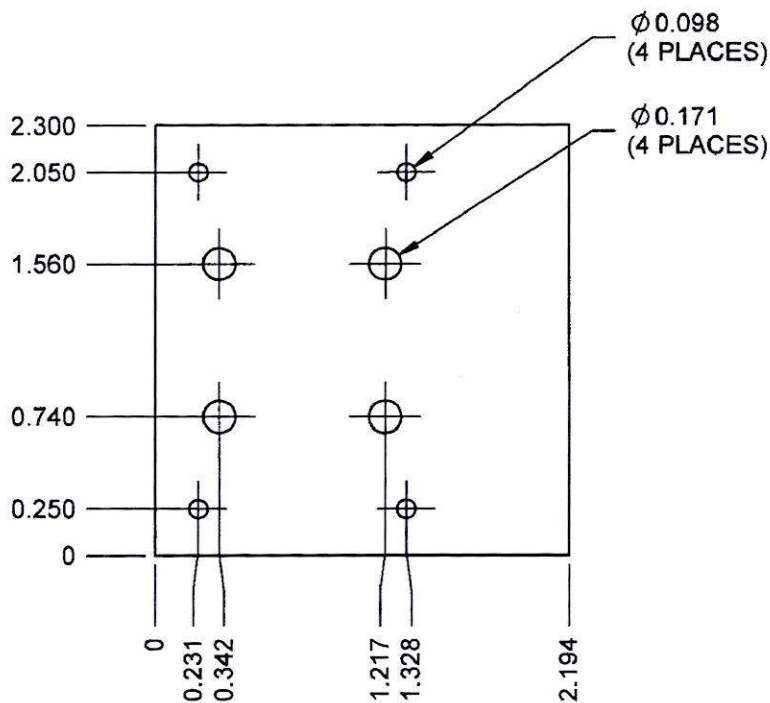
Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Packer	0.098Inches + 0.005 - 0.000	0.103 0.098	Ø.099	Diameter
2	Packer	0.171Inches + 0.005 - 0.000	0.176 0.171	Ø.170	Diameter
3	Packer	0.231Inches ± 0.010	0.241 0.221	.234	
4	Packer	1.217Inches ± 0.010	1.227 1.207	1.220	
5	Packer	2.194Inches ± 0.010	2.204 2.184	2.196	
6	Packer	2.300Inches ± 0.010	2.310 2.290	2.309	
7	Packer	1.560Inches ± 0.010	1.570 1.550	1.565	
8	Packer	0.250Inches ± 0.010	0.260 0.240	.253	
9	Packer	1.328Inches ± 0.010	1.338 1.318	1.330	
10	Packer	0.342Inches ± 0.010	0.352 0.332	.343	
11	Packer	0.740Inches ± 0.010	0.750 0.730	.742	
12	Packer	2.050Inches ± 0.010	2.060 2.040	2.052	
13	Packer	0.040Inches ± 0.010	0.050 0.030	.040	

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DART

DESIGN BW	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED LE	APPROVED [Signature]	DRAWING NO. D2151	REV. B SHEET 1 OF 1
DATE 06.10.13		TITLE PACKER	SCALE 1:1
REV	DATE	DESCRIPTION	
A	95.05.01	NEW ISSUE	
B	06.10.13	UPDATE DRAWING	

RELEASED06.11.20 **[Signature]****D2151 PACKER**

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 214622

OCT 28 2020

NOTES:

- 1) MATERIAL: ALUMINUM 2024-T3 SHEET 0.040 THICK PER QQ-A-250/4 OR AMS 4037
(REF DART SPEC M2024T3S.040)
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
POWDER COAT WHITE GLOSS (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED
- 5) BREAK ALL SHARP CORNERS TO 0.010 MAX
- 6) IDENTIFY WITH DART P/N "D2151" USING FINE POINT PERMANENT INK MARKER

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Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					



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Container No: S317383



Part: D2151

Job No: 214622

Serial No/Batch: S317383

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 12/01/20